1st & Final bill
Recorded on:-

Work Code NO:- 001-23-000004

M. A. R. 57 (Rule 116)
Measurement Book

No. D

Est Cost RS. 15.00 Lakhs

Agreement NO: EE/YNK/EPMT-12/AG/72/2022-23. Date 30/12/2022

116854

Serial No. .....

Name of work Construction of CC Road at Hosahalli to 2nd Cross Anjaneya road in Kempegowda ward no-01 of Yelahanka Sub division.

Name of Contractor or nature of Agency SRI. BHARATH GR (SR CONSTRUCTIONS) Ground floor NO:- 1360, 15th main 22nd Cross, A Block, Sahakaranagara, Bangalore 560 -092

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | ① Removing and Resetting of footpath slab. | | | | | | |
| | Qty vide AR per pre-measurement are Recorded in this MB and page no of:- 116895-116896:- 359.10 $m^2$ @RS. 206.00 | | | | | 73,974.60 | |
| | ② Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such similar works in all kinds of soils as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | excavated surface levelled and sides neatly dressed disposing off the excavated stuff on sorting & stacking as per Specifications. | | | | | | |
| | Qty vide, AS per pre-measurement are Recorded in this MB and page no of:- | | | | 116897 :- | 239.82 $m^3$ @Rs. 266.50 | 63,912.03 |
| | (3) Providing and laying in position plain cement Concrete for levelling course for all courses in foundation. The granite/ trap/ basalt Crushed graded coarse aggregates as per Specifications. | | | | | | |
| | Qty vide, AS per pre-measurement are Recorded in this MB and page no of:- | | | | 116898 :- | 42.75 $m^3$ @Rs. 4869.20 | 2,08,158.30 |

Serial No. .....
Name of work .....
Name of Contractor of n
Date of commencement

| Date | Full descripti |
|---|---|
| 1 | 2 |
| (4) | Supplying, Sub-str |
| | Qty vide in this |
| (5) | Providing for all -cture |

M. A. R. 57 (Rule 116) No. D

Measurement Book

116855

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | (4) Supplying, Fitting and placing un-coated TMT bar reinforcement in Sub-structure complete as per Drawing and technical Specifications. | | | | | | |
| | Qty vide AS per pre-measurement are Recorded in this MB and page no of:- 116899-116900:- | | | | | 1.62 Tonnes | |
| | | | | | | CRS. 80805.50 | 1,30,904.91 |
| | (5) Providing and laying in position Reinforced Cement Concrete for all Sub structures of buildings, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 0.50 mm to 3.50 mm hard. Tar granite/trap/basalt Crushed graded Coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with Super plasticizers cleas per Specifications. | | | | | | |
| | opposite to Bus stop:- | | | | | | |
| | Rec drain Raft :- | 1 | 22.50 | 0.75 | 0.15 | 2.53 | |
| | Side walls:- | 2 | 22.50 | 0.12 | 0.60 | 3.24 | |
| | Culverts: General Hospital | | | | | | |
| | Gate:- | 1 | 7.20 | 1.50 | 0.20 | 2.16 | |
| | | 2 | 7.20 | 0.23 | 0.55 | 1.82 | |
| | Approaches:- | 1 | 7.00 | 1.20 | 0.12 | 1.00 | |
| | | 1 | 6.00 | 0.25 | 0.12 | 0.18 | |

Varying

C & R

Ramamurthy

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Serial No. .....
Name of work .....
Name of Contractor
Date of commencer

| Date | Full des |
|---|---|
| 1 | |
| | Balance |

**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

116856

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Gate-02:- | 1 | 5.50 | 1.50 | 0.20 | 1.65 | |
| | | 2 | 5.50 | 0.23 | 0.55 | 1.39 | |
| | Bakeshwara Layout 4th Cross H/side:- | | | | | | |
| | | 1 | 7.00 | 1.20 | 0.20 | 1.68 | C & FC |
| | | 2 | 7.00 | 0.23 | 0.55 | 1.77 | |
| | Approaches:- | 1 | 6.80 | 0.45 | 0.10 | 0.30 | Remeasured |
| | | 1 | 6.90 | 0.45 | 0.10 | 0.31 | Asst. Executive Engineer Yelahanka Sub. Divison (BBMP Ynk. Zn) Yelahanka, Bangalore |
| | 4th Cross H/side:- | 1 | 4.50 | 1.20 | 0.20 | 1.08 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 2 | 4.50 | 0.23 | 0.55 | 1.13 | C & RC |
| | Approaches :- | 1 | 4.50 | 0.45 | 0.10 | 0.20 | Ramya Technologies Engineer (Agency Sub. Divison (Agency Yrk. Zn) Vallandur Bangalore |
| | | 1 | 4.40 | 0.45 | 0.10 | 0.19 | |
| | | | | | | 20.63 Nos | |
| | | | | | | @Rs. 5493.75 | 3336.06 |
| Variation | ⑥ Providing and fixing precast reinforced cement Concrete Coving slabs of 10cm Thick made of m25 with opc cement, @340 1Kgf Cum with 20mm and down Size graded granite metal coarse aggregates @0.7 Cum and fine aggregate @ 0.4 Cum with Superplasticizer machine mixed, Including providing | | | | | | |

Serial No. .....
Name of work .....
Name of Contractor
Date of commencem

| Date | Full desc |
|---|---|
| 1 | |
| | and m<br>Specifi<br>Covri |
| | ⑦ Provid<br>Coverin<br>@ 340 |

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. .....

116857

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Number | Dimensions Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | and removing centering, shuttering, struting propping etc as per Specifications. | | | | | | |
| | Covering slabs :- | 1 | 22.50 | 0.75 | - | 16.87 m² | |
| | Limited to Schedule 'B' Qty:- 15.00 m² | | | | | | 24,771.00 |
| | | | | | | @Rs. 1651.40 | |
| | (7) Providing and fixing precast reinforced cement concrete Covering slabs of 25 mm thick made of m25 with ope cement @340 kg/cum with 20mm and down size graded granite metal coarse | | | | | | |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | aggregate @0.7cum and fine aggregate & 0.7H cum with Superplasticizer machine mixed deals per specifications. | | | | | | |
| | Culverts Covering Slabs:- | | | | | | |
| | General Hospital Gate01 | 1 | 7.20 | 1.20 | - | 8.64 | |
| | Gate02 | 1 | 5.50 | 2.50 | - | 13.75 | |
| | Basaveshwara Layout 9th Cross | 1 | 7.00 | 1.20 | - | 8.40 | |
| | HSide 7th Cross | 1 | 4.50 | 1.20 | - | 5.40 | |
| | | | | | | 36.00 m² | |
| | | | | | | @ CRS 4014.50 | |
| | | | | | | 144522.00 | |
| | (8) Dismantling of cement Concrete Pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02m³ | | | | | | |

C & RC

Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

13/03/2023

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. .....

116858

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | in volume and stock dismantled materials separated etc as per specifications. piling at designated locations and disposal of and stacking serviceable and unserviceable materials | | | | | | |
| | Qty vide, As per pre-measurement are prepared in This mb and page no of:- 116894 - 116895:- | | | | | 61.58 m³ @Rs. 370.00 | 22,784.60 |
| (9) | Providing and Constructing un-reinforced plain Cement Concrete Pavement Thickness as per design, over a prepared Sub base, with 43 grade Cement on any other type as per clause 1501. 2.2 m3(Grade) Concre | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | and fine aggregates Confirming to IS:383, maximum size of Coarse aggregate not exceeding 25mm, mixed in a Concrete mixer of not less than 0.2 Cum Capacity and appropriate weigh batcher using approved mix design etc as per Specifications. | | | | | | |
| | Gross Road 1:- | 1 | 15.00 | $\frac{3.20+2.90}{2}$ | ×0.12 | 5.49 | |
| | | 1 | 15.00 | $\frac{2.90+2.20}{2}$ | ×0.12 | 4.59 | |
| | | 1 | 15.00 | $\frac{2.20+1.90}{2}$ | ×0.12 | 3.69 | |
| | | 1 | 15.00 | $\frac{1.90+1.90}{2}$ | ×0.12 | 3.42 | |
| | | 1 | 15.00 | $\frac{1.90+2.60}{2}$ | ×0.12 | 4.05 | |

C & R

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Serial No. .....
Name of work .....
Name of Contractor of
Date of commencemen

| Date | Full descrip |
|---|---|
| 1 | |
| | oppos |
| (10) | Cost of H and lead |

**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

Serial No. ..... 116859

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 1 | 3.50 | $\frac{2.60+2.70}{2}$ | × 0.12 | 1.11 | C & Rc |
| | opposite to Bus stop:- | 1 | 15.00 | $\frac{3.40+4.10}{2}$ | × 0.12 | 6.75 | |
| | | 1 | 7.50 | $\frac{4.10+4.50}{2}$ | × 0.12 | 3.91 | |
| | | | | | | 33.00 m | 1,88,397.00 |
| | | | | | | CRS. 5709.00 | |
| (10) | Cost of Haulage excluding loading and unloading Taking output 10 t load and load 10 Kms = 100 Kms as per specification. | | | | | | |

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | | | Qty vide item No:- (02) :- 359.82 m³ x 1.28 = 459.64 | |
| | | | | | | Qty vide item No:- (08) :- 61.58 m³ x 2.10 = 129.31 | |
| | | | | | | 436.27 m³ | |
| | | | | | | @ Rs. 84.20 36733.93 | |
| | | | | | | Sub Total Rs:- 10,07,494.43 | |
| | | | | | | Add 18% of GST Rs:- 1,81,348.99 | |
| | | | | | | Grand Total Rs:- 11,88,843.42 | |

CERTIFICATE::

1) Certified that the above work done is satisfactory Completed.

2) Certified that the there is no debris have been cleared to site.

AEE-II

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Serial No. .....
Name of work .....
Name of Contractor of natur
Date of commencement of w

| Date | Full description, |
|---|---|
| 1 | 2 |

AEE-II

**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

Serial No. .....

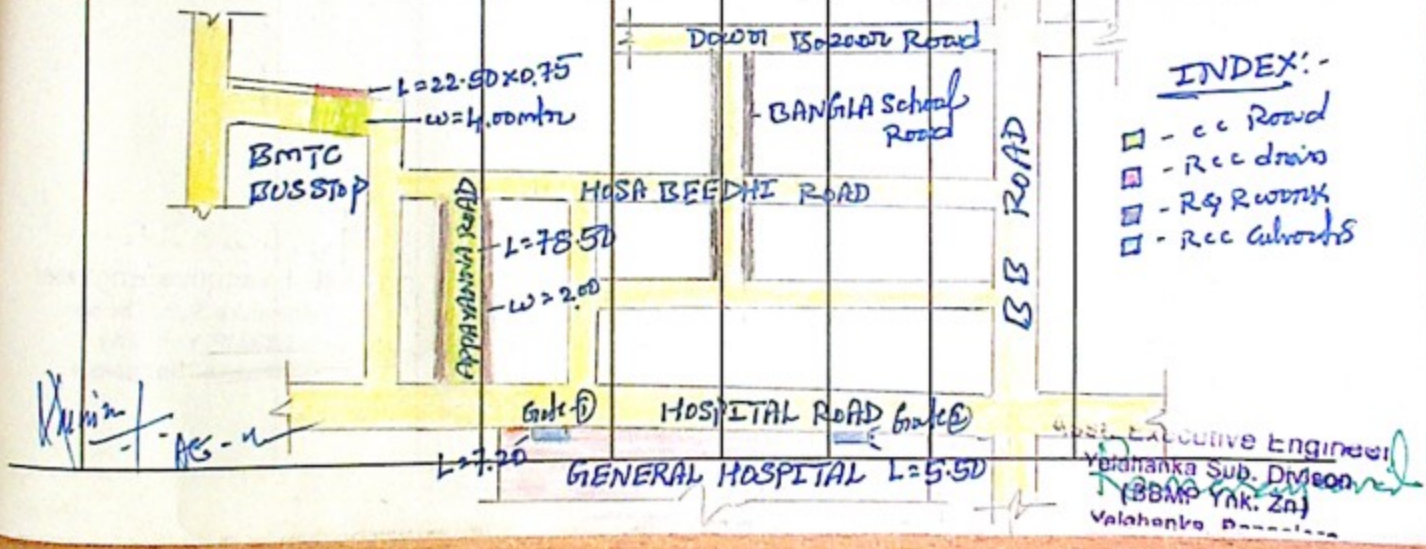
116860

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

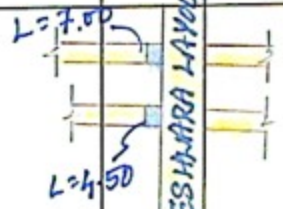
Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |




Executive Engineer
Yelahanka Sub. Division
(BBMP Yak. Zone)
Yelahanka, Bangalore

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| |   SHIVANAHALLI ROAD Admitted AE.O | | | | | | |

Remeasurement
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Serial No. .....
Name of work .....
Name of Contract
Date of commenc

| Date | Full d |
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| 1 | |

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description etc. of work | Number | Dimensions | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | | | |
| | Bill Amount | | | | 1st & Final | | 001-228-000004 |
| | (+) GST | | | | | | |
| | TOTAL 1188000:00 | | | | | | |
| | Less : | | | | | | |
| | I.Tax 11880:00 | | | | | | |
| | SGS 10068:00 | | | | | | |
| | CGST 10068:00 | | | | | | |
| | BCWWC 11880:00 | | | | | | |
| | CBF 1188:00 | | | | | | |
| | ROYALTY 1604:00 | | | | | | |
| | FINE — | | | | | | |
| | FSD — | | | | | | |
| | OTHER 61125:00 | | | | | | |
| | TOTAL DEDUCTION 1126875:00 | | | | | | |

Audited & Admitted for Rs 1188000:00

1126875:00 by Cheque

and Rs 61125:00 by adjusement

Accts Supdt
Yelahanka Division
BBMP

Exe Engineer
Yelahanka Division
BBMP

116061